

FIG. 1

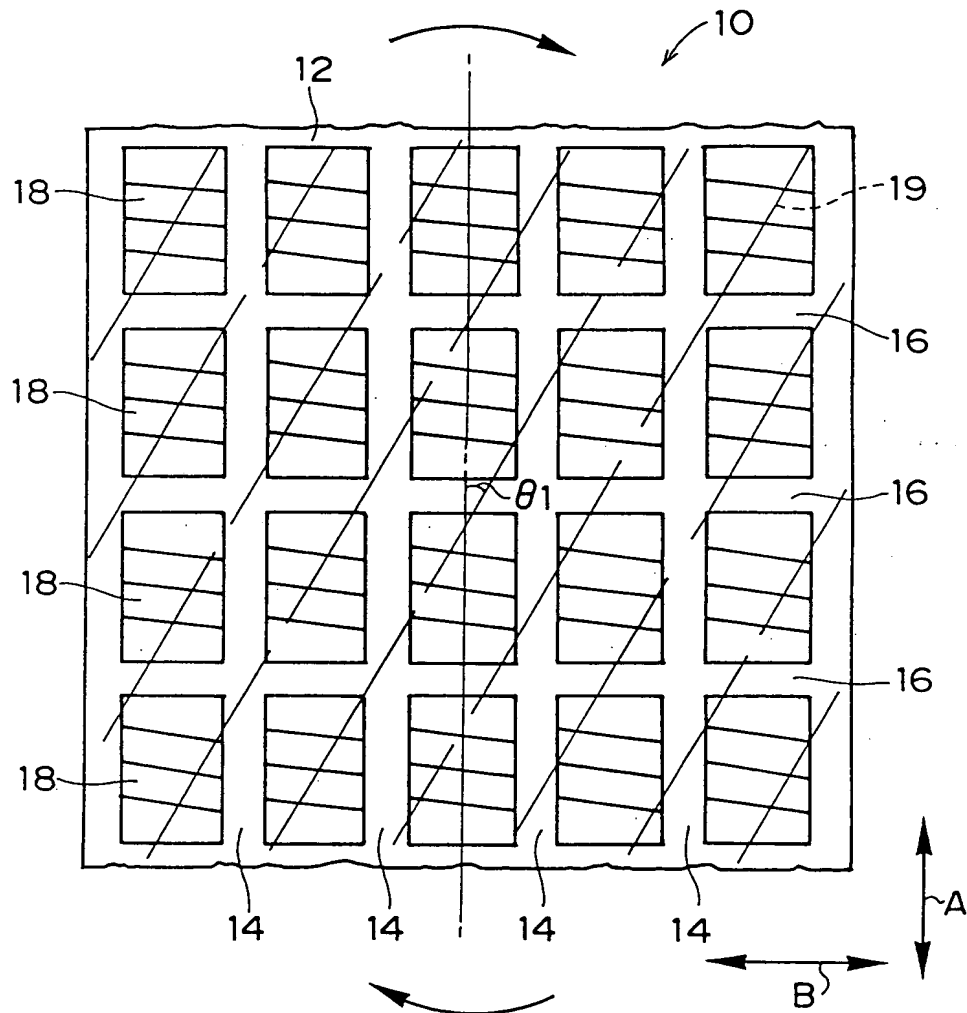
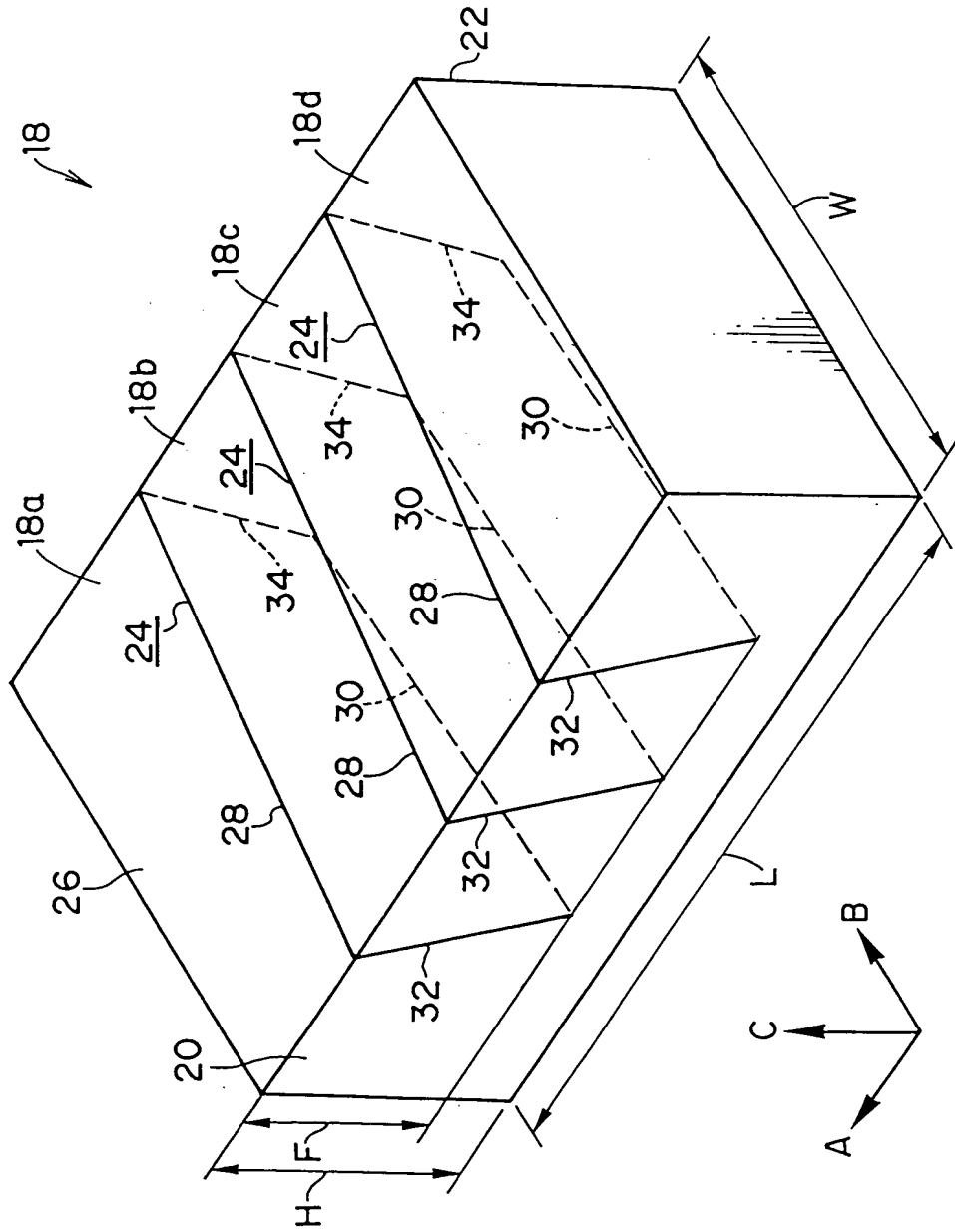


FIG. 2



18  
↓

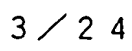


Fig. 18 is a schematic diagram of a multi-layered structure 18. The structure consists of several horizontal layers. From top to bottom, the layers are labeled as follows:

- Top Layer:** Labeled 18a.
- Second Layer:** Labeled 26.
- Third Layer:** Labeled 18b.
- Fourth Layer:** Labeled 18c.
- Fifth Layer:** Labeled 18d.
- Sixth Layer:** Labeled 18e.

The structure is divided into three main vertical sections by two vertical lines. Each section contains a pair of diagonal lines forming a V-shape, labeled Y. The regions between these V-shapes are labeled 32(24) and 34(24). The regions outside the V-shapes are labeled 32(24) and 34(24).

Dimensions and other labels include:

- a:** Horizontal dimension across the top layer 18a.
- b:** Horizontal dimension across the second layer 26.
- c:** Horizontal dimension across the third layer 18b.
- d:** Horizontal dimension across the fourth layer 18c.
- e:** Horizontal dimension across the fifth layer 18d.
- f:** Horizontal dimension across the sixth layer 18e.
- H:** Total horizontal dimension across all layers.
- L:** Total horizontal dimension across the entire structure.
- 012:** Label indicating a specific feature or boundary.
- 20:** Label indicating a specific feature or boundary.

18

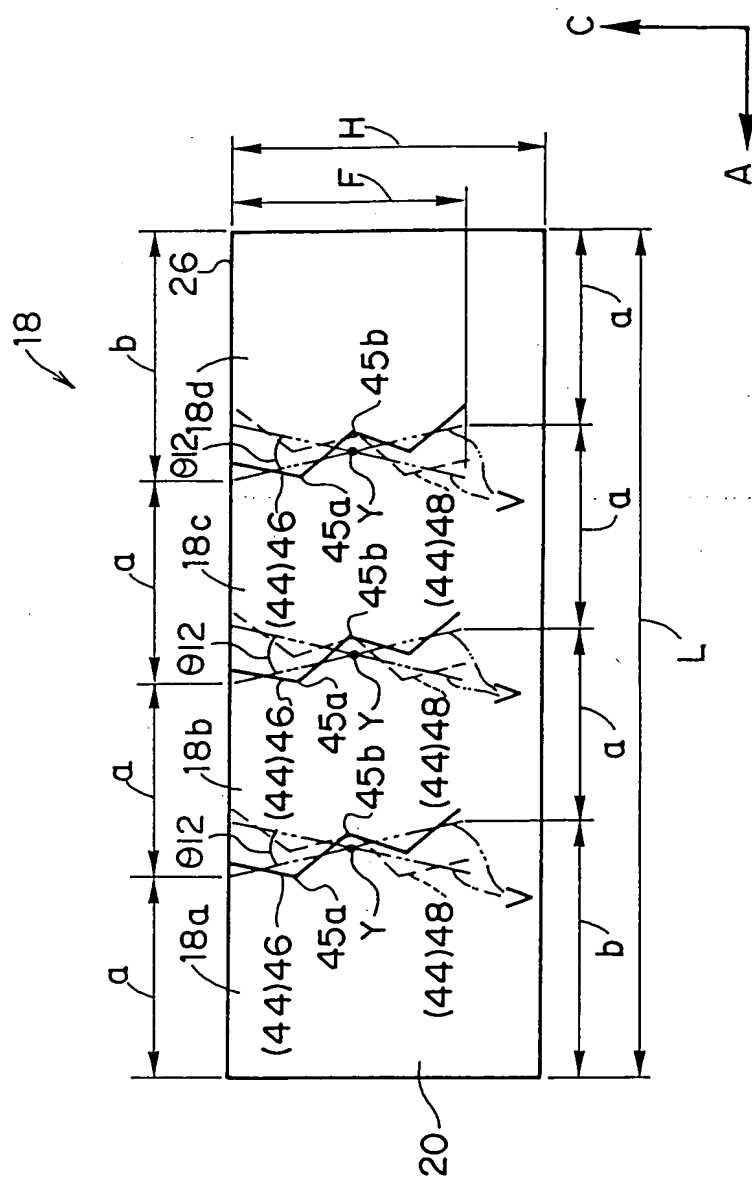


FIG. 6

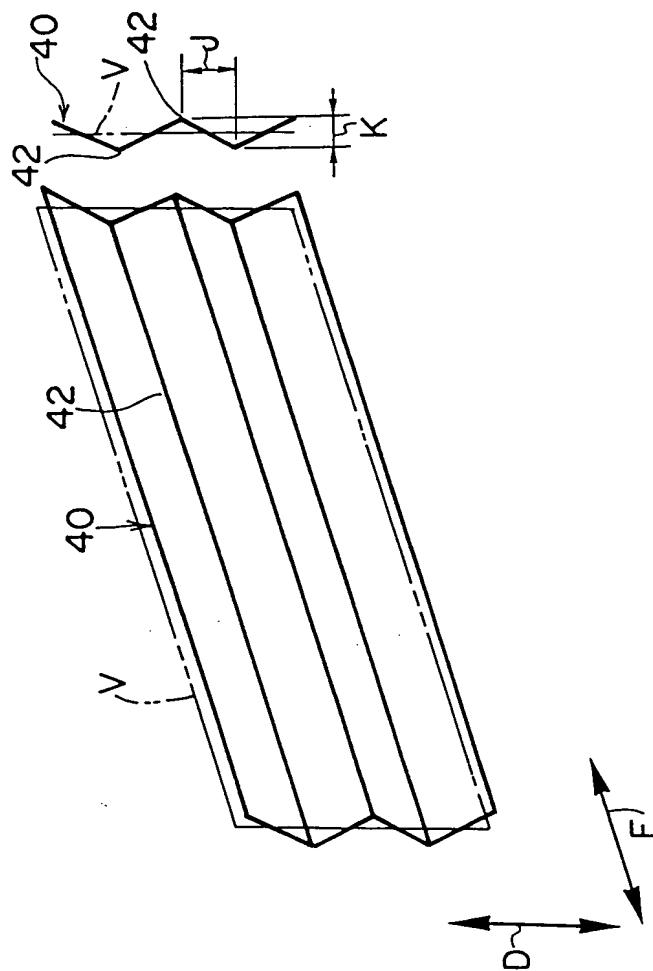


FIG. 7

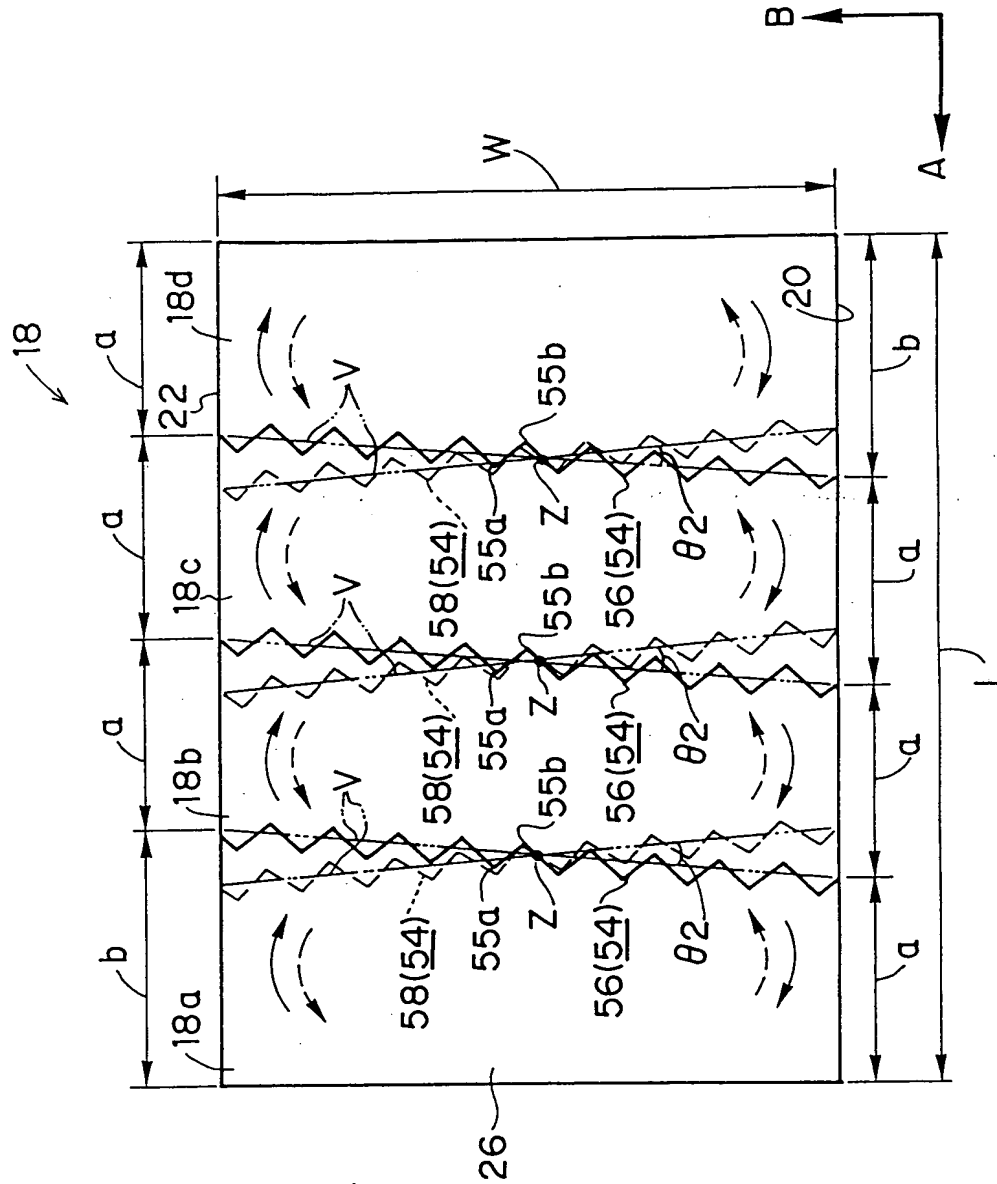


FIG. 8

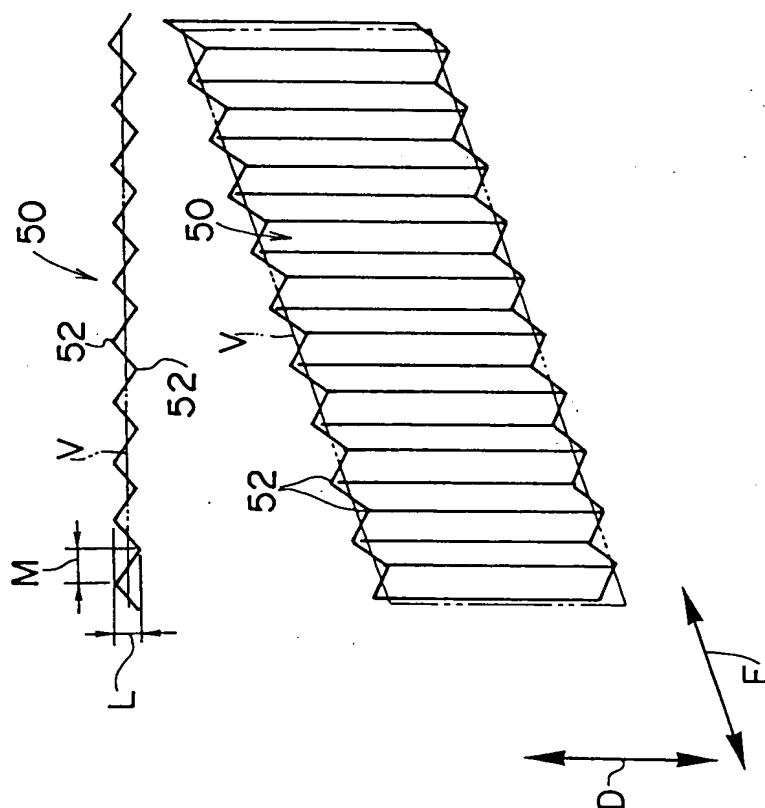


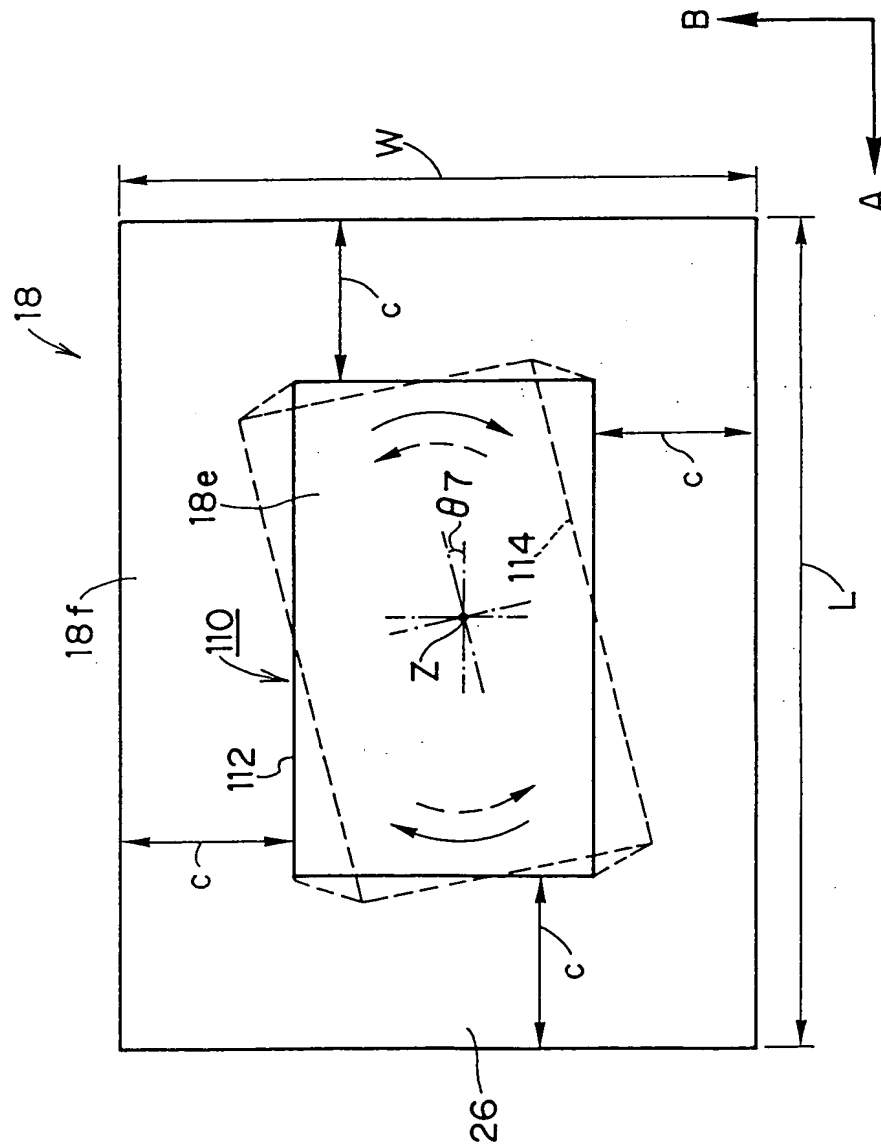








FIG. 12



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FIG.13

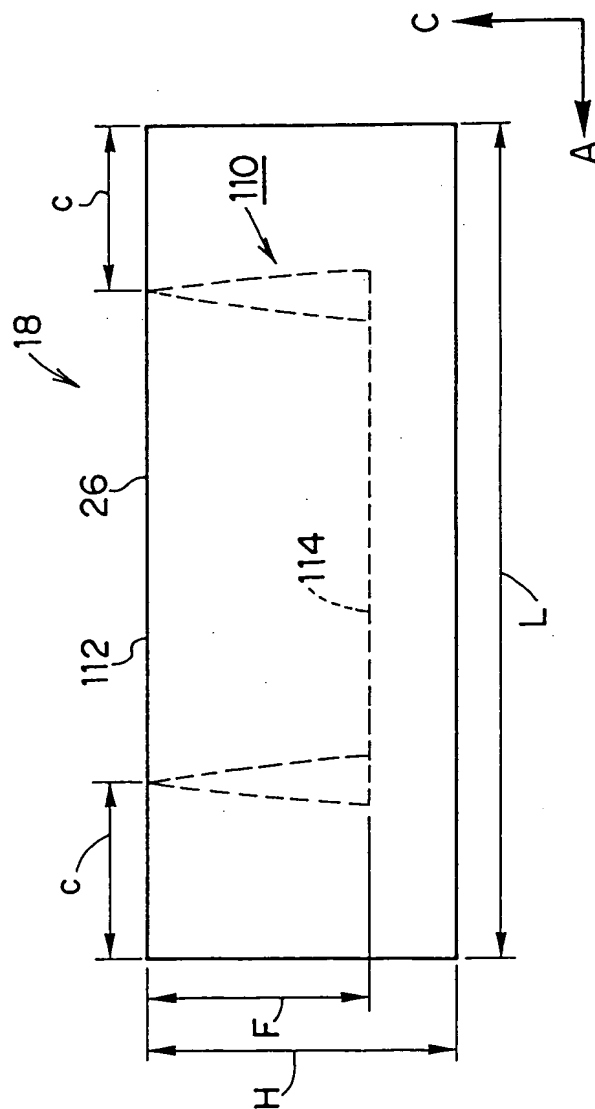
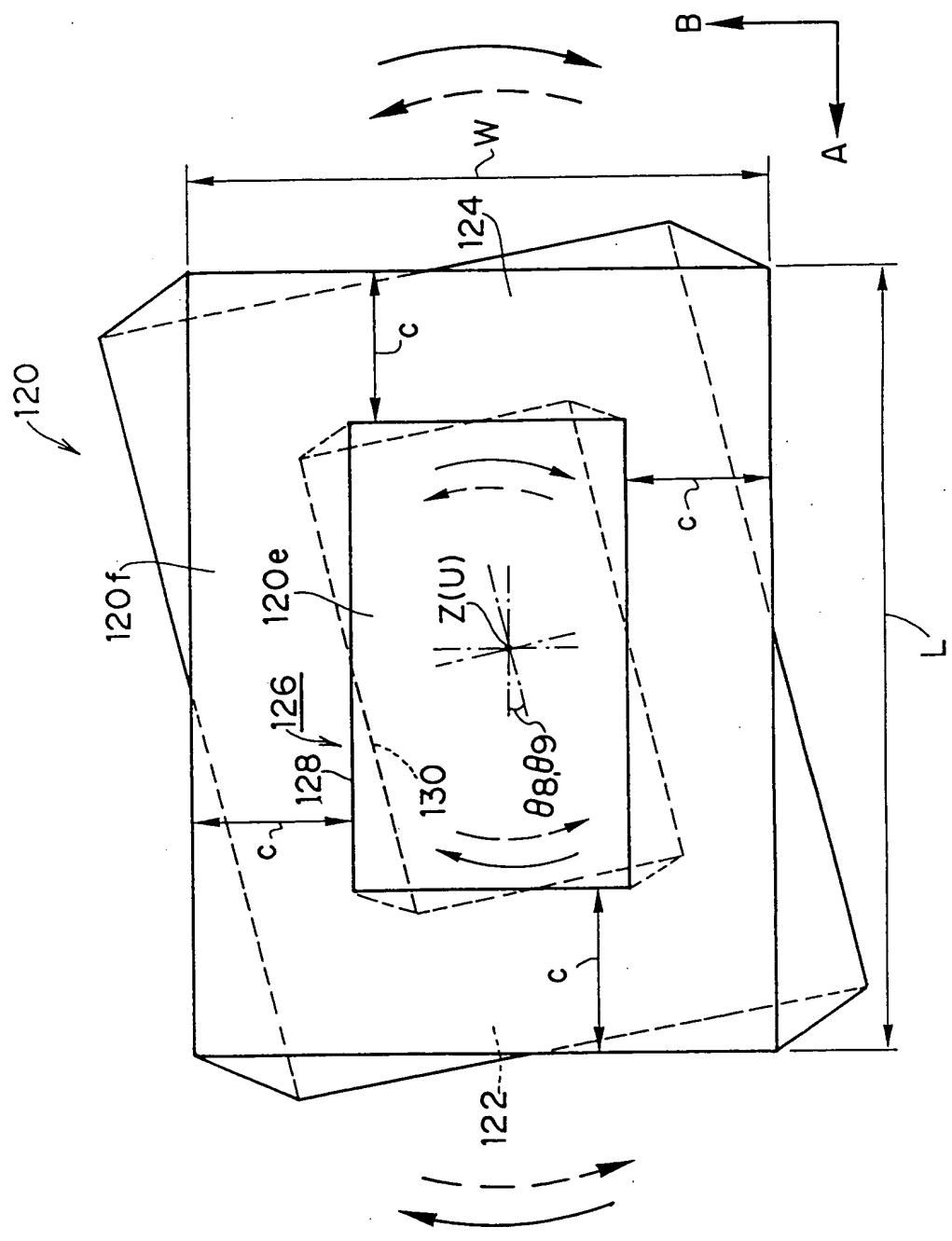
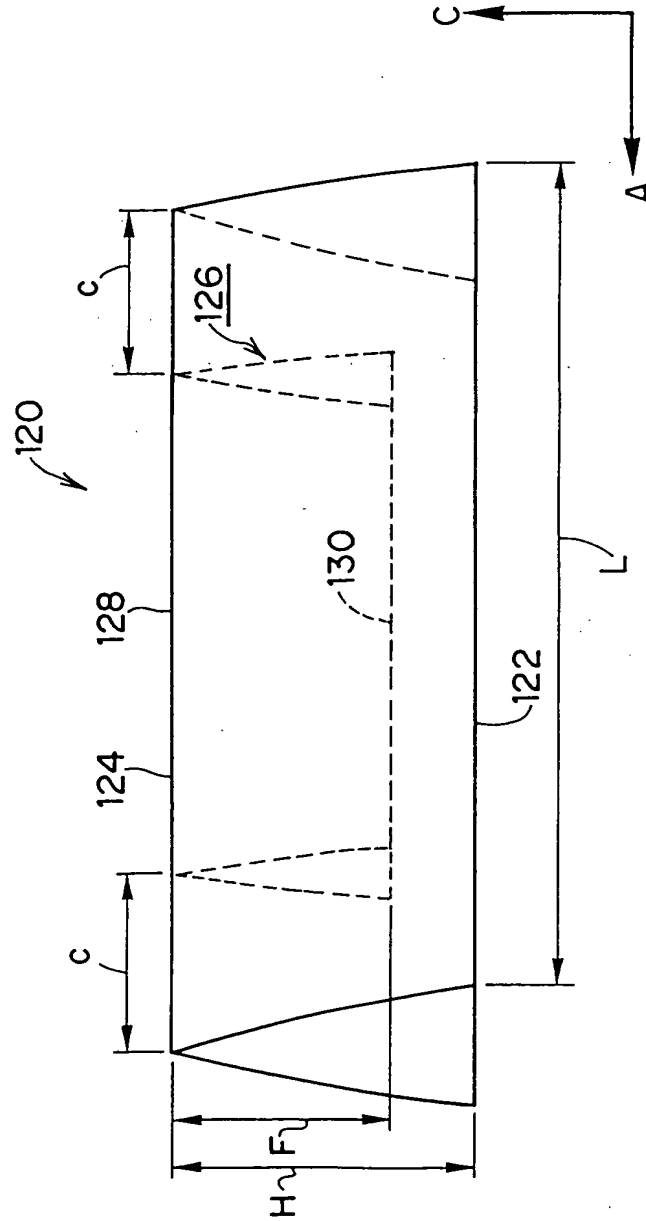


FIG. 14



1 5 / 2 4



Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	

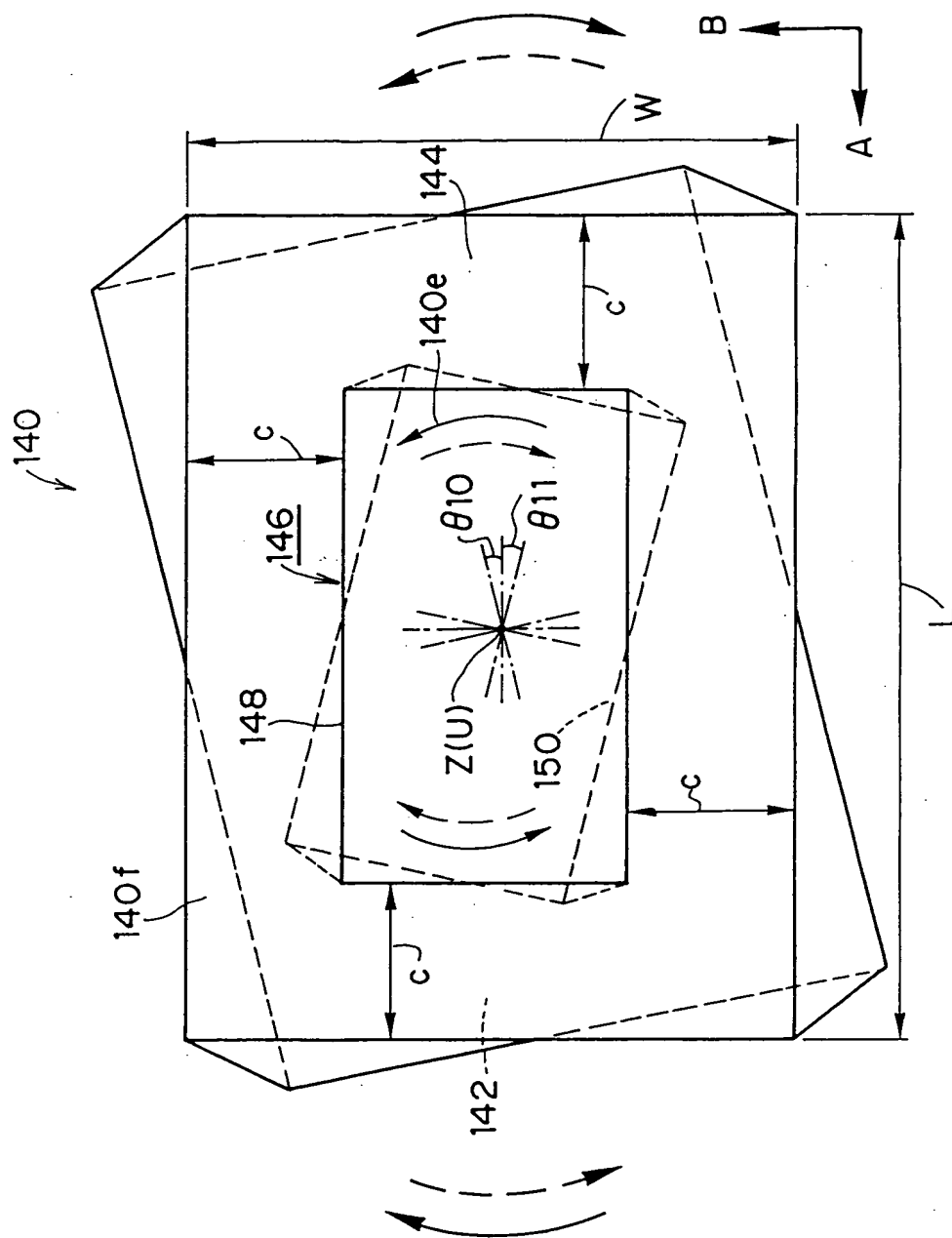




FIG.17

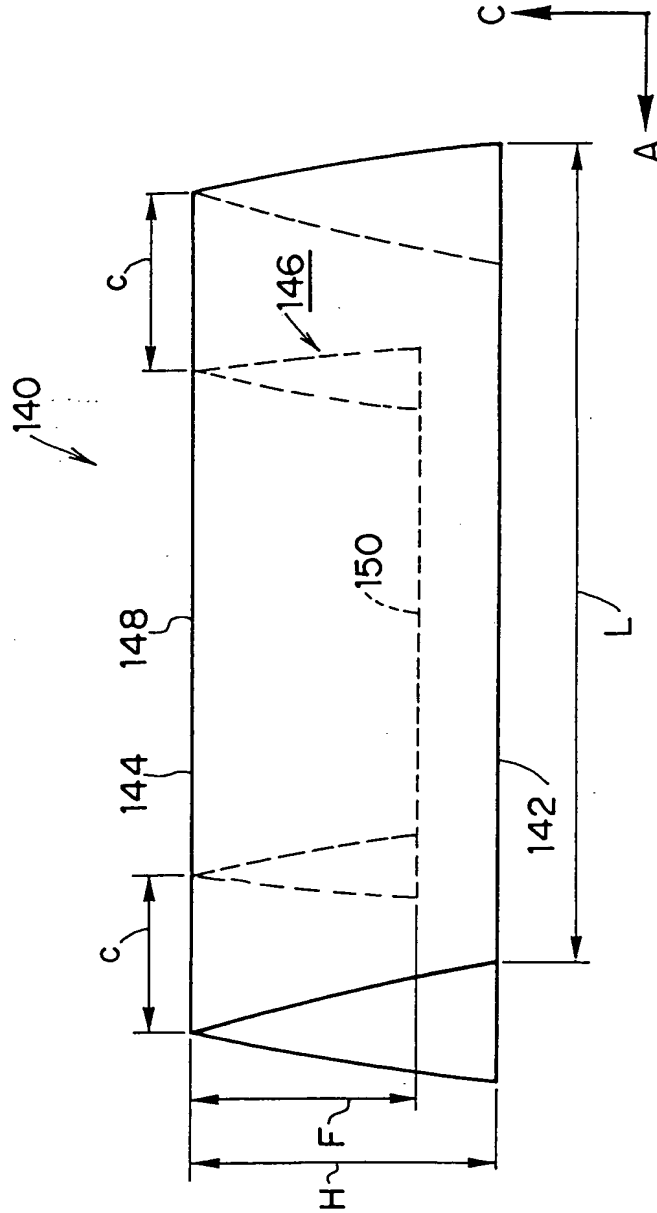


FIG.18

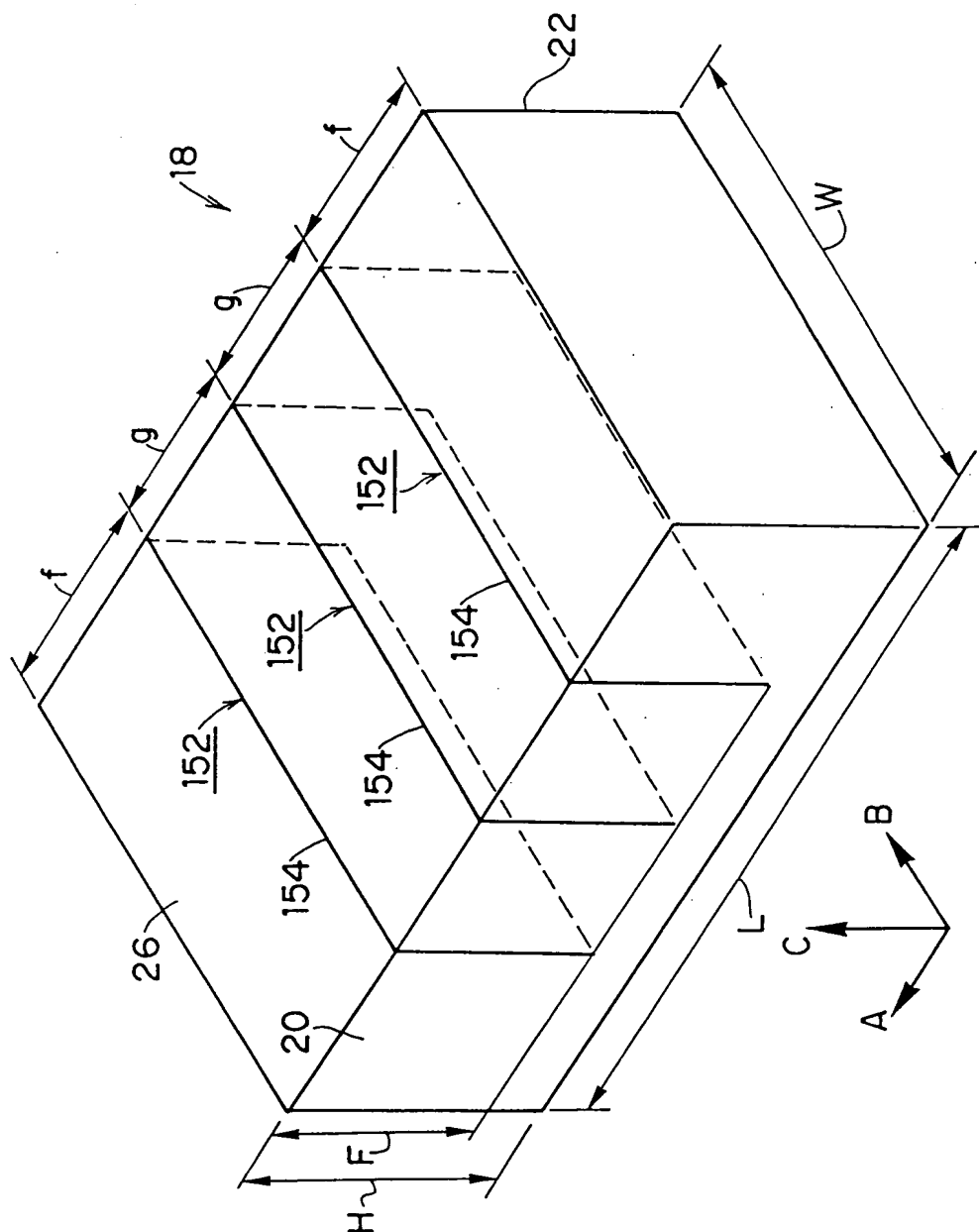


FIG. 19

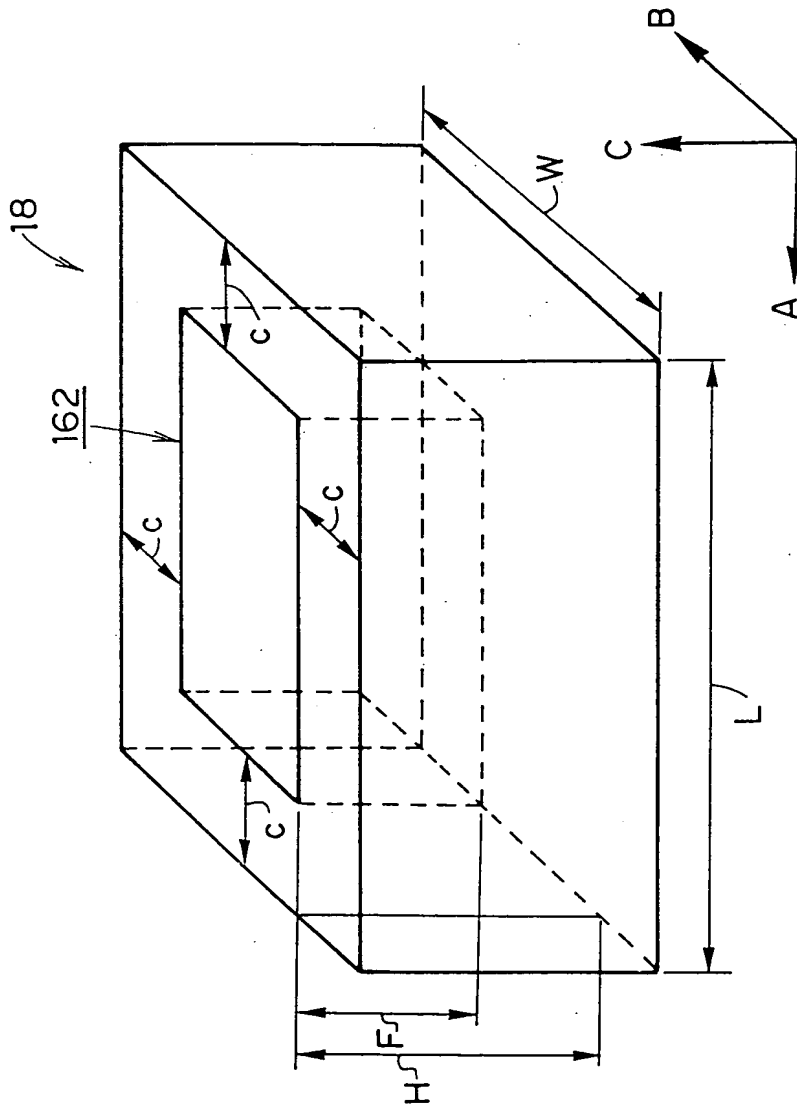


FIG. 20

	COMPARATIVE EXAMPLE 1	EXAMPLE1	EXAMPLE2	EXAMPLE3	EXAMPLE4	EXAMPLE5	EXAMPLE6
SAT	0	0.0030	0.0032	0.0031	0.0031	0.0150	-0.0070

	COMPARATIVE EXAMPLE 2	EXAMPLE7	EXAMPLE8	EXAMPLE9
SAT	0	0.0070	0.0190	0.0050

FIG.21

	COMPARATIVE EXAMPLE 1	EXAMPLE 1	EXAMPLE 2	EXAMPLE 3	EXAMPLE 4	EXAMPLE 5	EXAMPLE 6
DEFORMATION AMOUNT	3.85	3.02	2.98	2.01	1.98	2.44	2.11

	COMPARATIVE EXAMPLE 2	EXAMPLE 7	EXAMPLE 8	EXAMPLE 9
DEFORMATION AMOUNT	1.89	1.54	1.66	1.33

FIG.22

	COMPARATIVE EXAMPLE 1	EXAMPLE 1	EXAMPLE 2	EXAMPLE 3	EXAMPLE 4	EXAMPLE 5	EXAMPLE 6
ON-ICE BRAKING PERFORMANCE	100	102	107	103	111	103	105

	COMPARATIVE EXAMPLE 2	EXAMPLE 7	EXAMPLE 8	EXAMPLE 9
ON-ICE BRAKING PERFORMANCE	95	98	99	102

FIG. 23

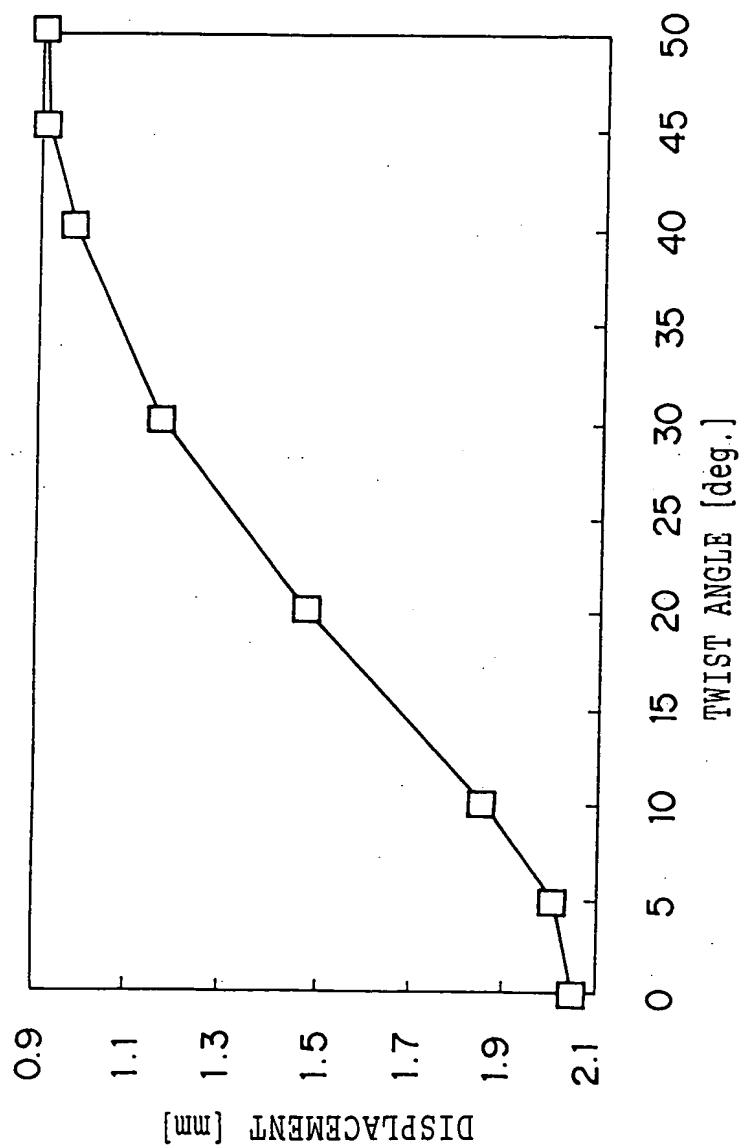


FIG. 24

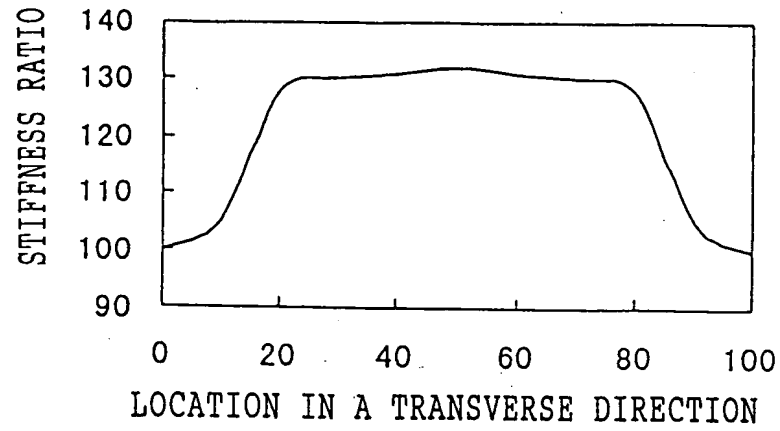


FIG. 25

